

Application No. 10/065,217
Docket No. 17MY-7239
Amendment dated March 8, 2007
Submission Accompanying RCE under 37 CFR §1.114

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-9 (Canceled)

Claim 10 (Currently amended): Second and third stage nozzles ~~A nozzle~~ installed in ~~a~~ second and third turbine stages, respectively, of a stage of the gas turbine engine, the second turbine stage having a thermal environment that is more severe than the third turbine stage, the second and third stage nozzles being cast from first and second nickel-base alloys, respectively, each ~~and cast from a nickel-base alloy~~ consisting of cobalt and, approximately by weight,

~~18.76% to 18.84% cobalt,~~

22.2% to 22.8% ~~22.59% to 22.90%~~ chromium,

1.8% to 2.2% ~~1.99%~~ tungsten,

1.2% ~~2.21%~~ to 2.3% aluminum,

1.6% to 2.4% ~~1.68% to 2.30%~~ titanium,

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the sum of aluminum and titanium being 2.8% to 4.4%, ~~2.97%~~,
0.7% to 0.9% ~~0.78%~~ columbium,
0.9% to 1.9% ~~1.61% to 1.63%~~ tantalum,
0.003% to 0.009% boron,
0.002% to 0.02% zirconium,
0.05% to 0.10% carbon,
with the balance essentially nickel and incidental impurities;
wherein the first and second alloys only differ by having cobalt
contents of, by weight, 18% to 20% and 5% to 8%, respectively. ~~impurities.~~

Claims 11-22 (Canceled)

Claim 23 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, wherein the sum of aluminum and titanium in the
first alloy is about 3.75%. ~~is 2.97%.~~

Claim 24 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, wherein the aluminum content of the first alloy is
about 1.75%. ~~is 2.21%.~~

Application No. 10/065,217
Docket No. 17MY-7239
Amendment dated March 8, 2007
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Claims 25-26 (Canceled)

Claim 27 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, wherein the first alloy contains about 26 to about
38 volume percent of a gamma-prime precipitate phase.

Claim 28 (Canceled)

Claim 29 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, ~~claim 20~~, wherein the sum of aluminum and
titanium in the second alloy is about 3.75%, ~~is 3.05%~~.

Claim 30 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, ~~claim 20~~, wherein the aluminum content of the
second alloy is about 1.85%, ~~is 2.24%~~.

Claim 31 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, ~~claim 20~~, wherein the cobalt contents of the first
and second alloys are about 19% and about 6.5%, respectively, ~~aluminum~~
~~content is about 1.85%~~.

Application No. 10/065,217
Docket No. 17MY-7239
Amendment dated March 8, 2007
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Claim 32 (Currently amended): The second and third stage nozzles
~~nozzle~~ according to claim 10, ~~claim 20~~, wherein the second alloy contains
about 23 ~~26~~ to about 36 ~~38~~ volume percent of a gamma-prime precipitate
phase.